

METHODS FOR CLASSIFICATION OF SOMATIC EMBRYOS

Abstract of the Disclosure

5 The present invention is directed towards methods for the classification of
plant embryos by the application of one or more classification algorithms to analyze
digitized images and absorption, transmittance, or reflectance spectra. The methods
are generally applicable and emphasize the importance of acquiring and using as
much image and absorption, transmittance, or reflectance spectral information as
possible, based on objective criteria. The present invention allows automated
selection of embryos most suitable for further culture and rejection of those seen as
10 less suitable.